GAS-PROPELLED DOSING DEVICE.

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Device and process for injecting or perfusing a pharmaceutical solution (1) in a human or animal body by means of a gas-producing cell (4) characterized in that the hydrogen or oxygen gas (3) produced by an electric current drives the solution (1) from a storage volume by means of a moving piston (2) or a flexible membrane. Preferably, the subject of the invention consists of a gas-operated propulsion device, which conveys the solution essentially irrespective of the ambient conditions dictated by temperature and air pressure. The liquid to be conveyed is propelled through a lyophobic capillary vessel or through the capillary vessels in a lyophobic membrane acting as a decompression lock, whereby the overpressure required to produce the liquid surface in the lyophobic body acts as a counter-pressure.